

Figure 1

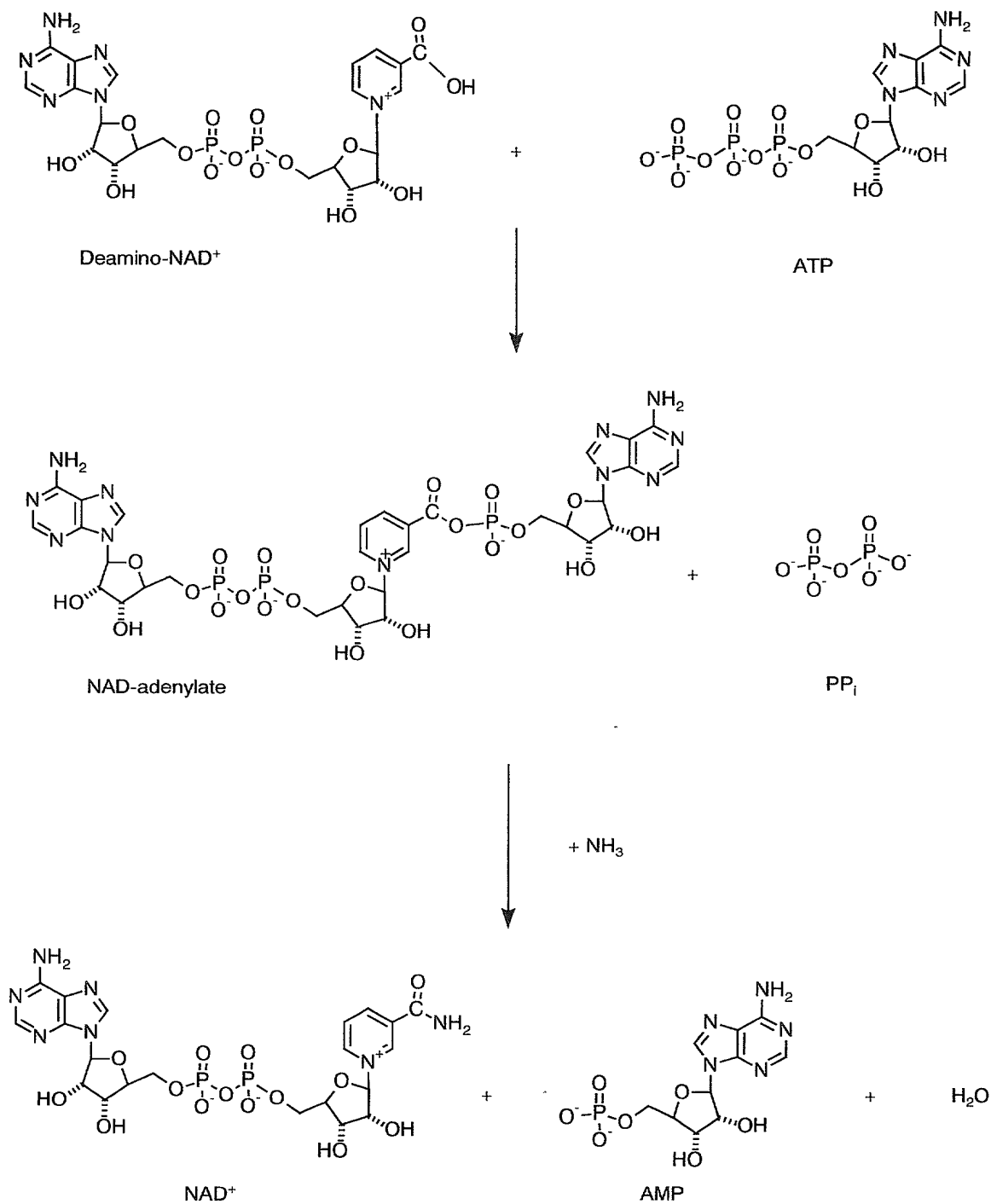
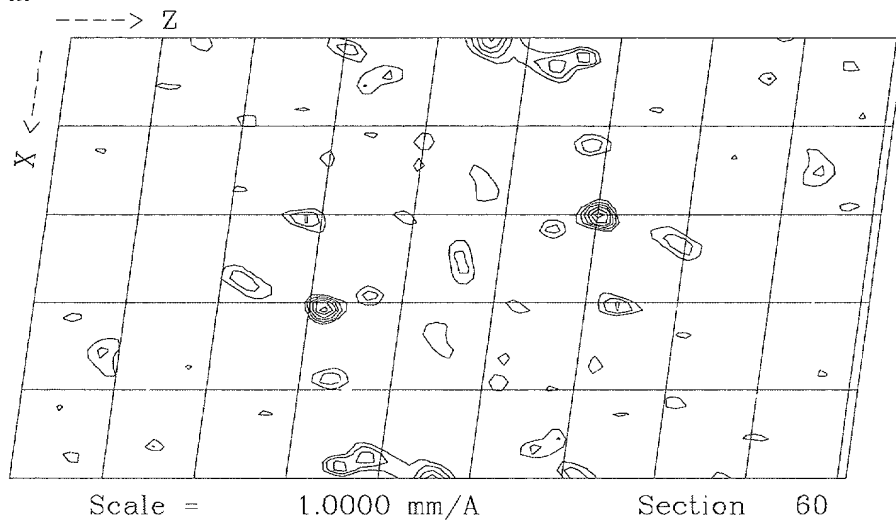


Figure 2

a.



b.

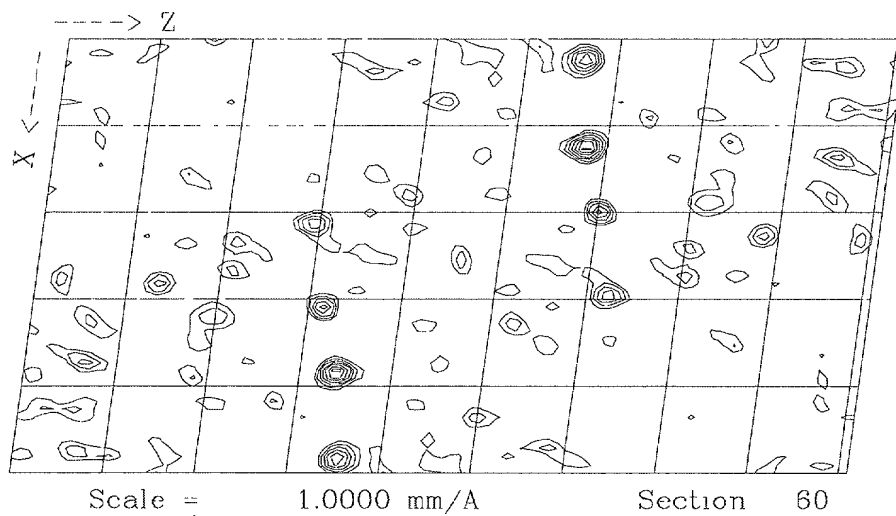
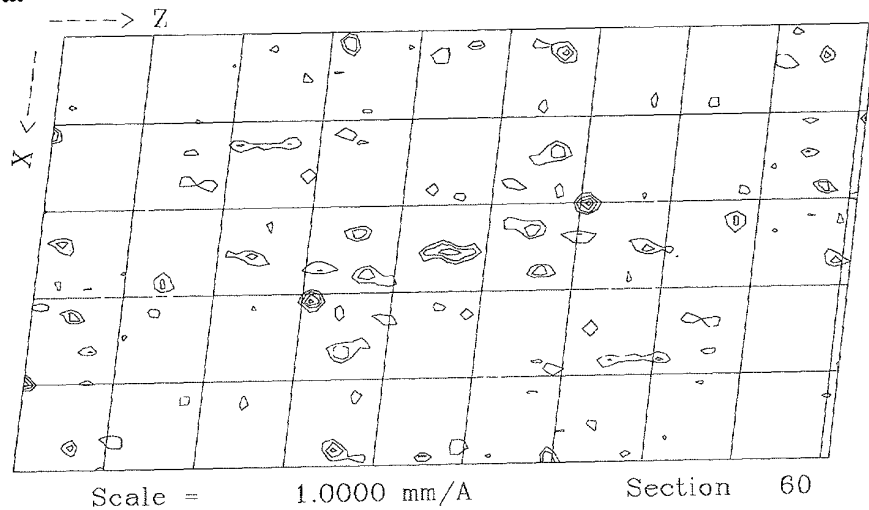
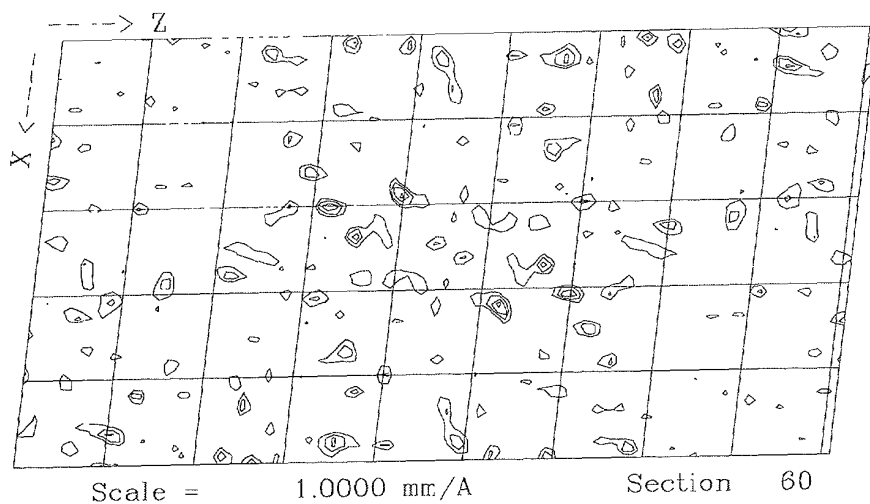


Figure 3

a.

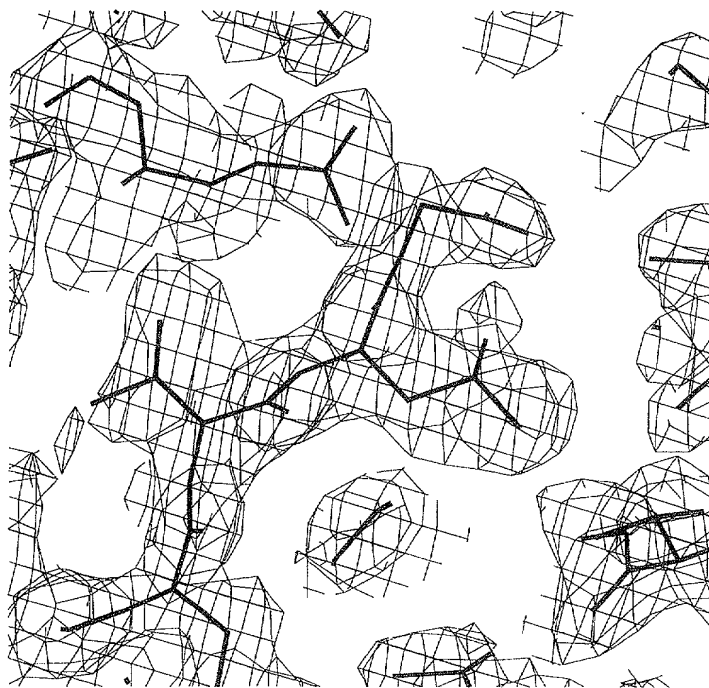


b.



**Figure 4**

**a.**



**b.**

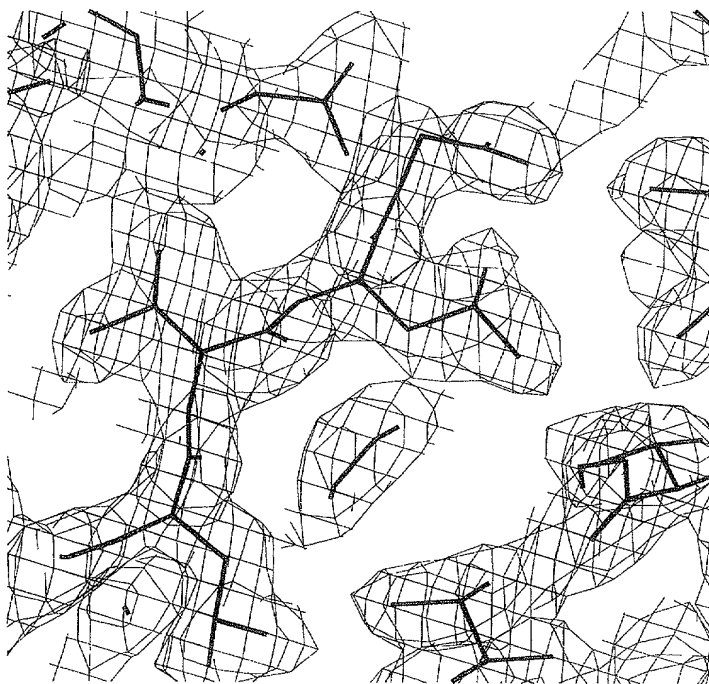
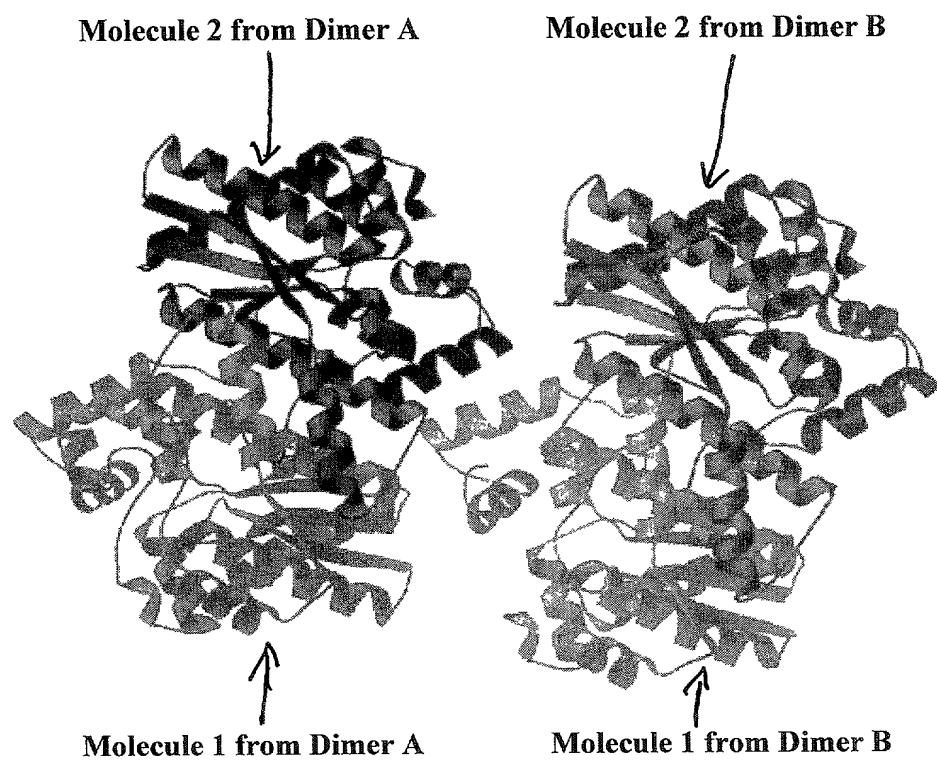


Figure 5



### Figure 6

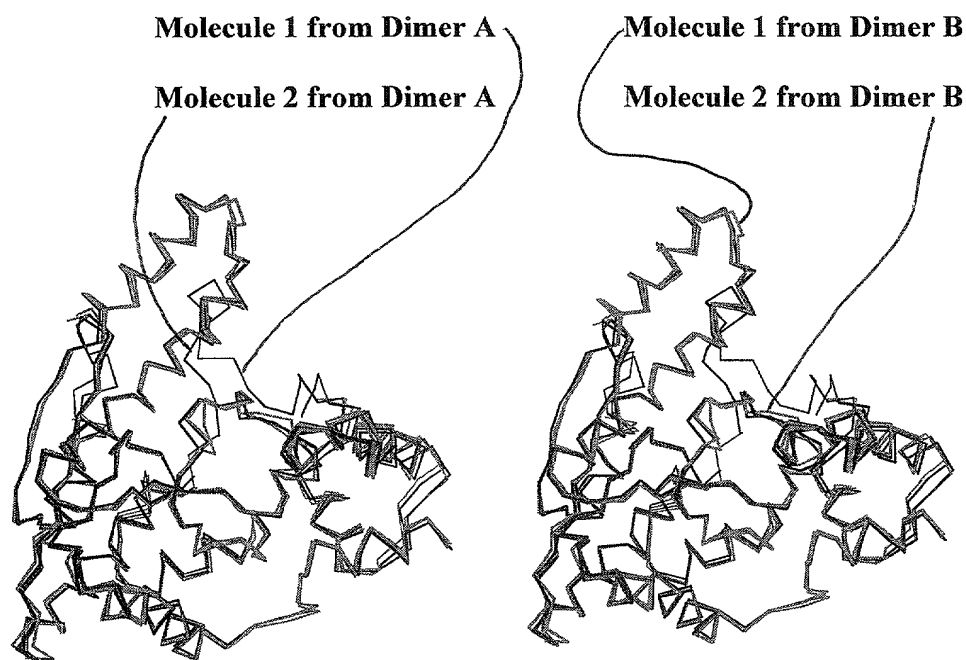
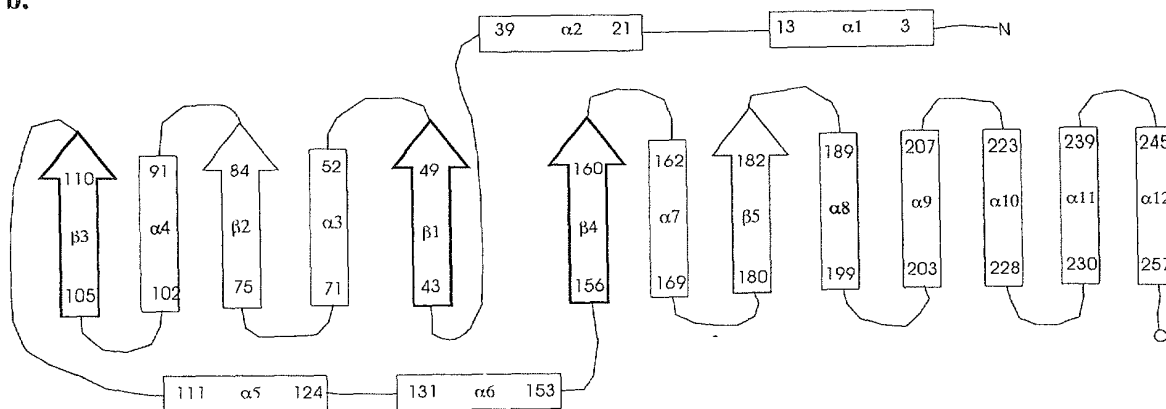
[illegible]

Figure 7

a.



b.



c.

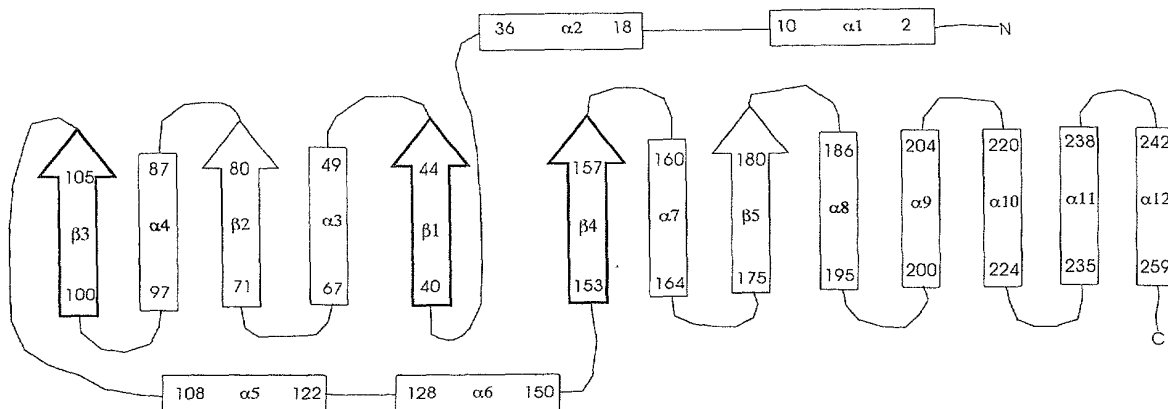
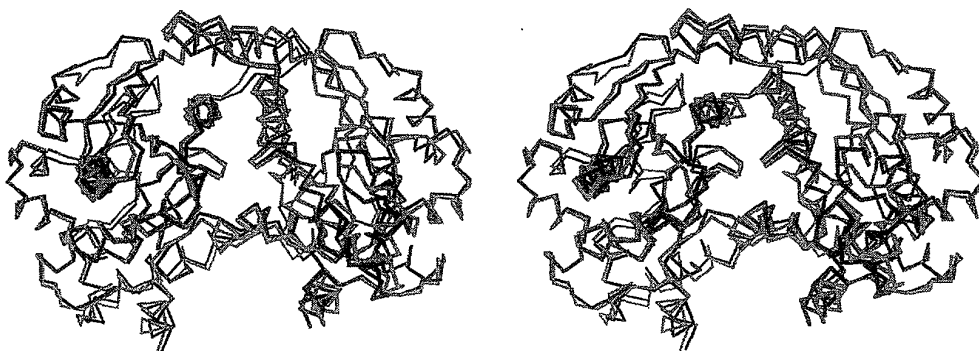


Figure 8



097259-013001  
DOCKET 6315.N



Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
*STAPHYLOCOCCUS AUREUS* NAD SYNTHETASE

Applicant(s): Timothy E. BENSON and D. Bryan Prince

Serial No.: Unassigned

Filed: Herewith

Docket: 6315.N

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Figure 9

(SEQ ID NO: 2)  
(SEQ ID NO: 1)

nade_bs	(1)	---	SMOEKIMRELHV	KPSIDPKQEI	EDRVNFKQYVK	-KTGAKGFVLGIS	1	50
nade_sa	(1)	MGSKLQDVIVQ	EMKVKKRIDS	AEEIMELKQF	IKNYVQSHS	FIKSLVLGIS		
nade_bs	(47)	GGQDSTLAGRL	AQLAVESIRE	EGGDAQFI	AVRLPHGTQ	ODEDDAQLAL	51	100
nade_sa	(51)	GGQDSTLVGKL	VQMSVNELRE	EGIDCTFI	AVKLPGVQ	KDADEVQALRF		
nade_bs	(97)	IKPDKSWKFDI	KSTVSAFSDQ	YQQETGDQ	LTDENKGNV	KARTRMIAQY	101	150
nade_sa	(101)	IEPDEIVTVNI	KPAVDQS-VQ	SLKEAGIVL	TDFQKGNEK	ARERMKVQFS		
nade_bs	(147)	GGQEGLLVLG	TDHAAEAVT	GFFTKYGDG	GADLPLTGL	TKRQGRITLL	151	200
nade_sa	(150)	ASNROGI	VVGTDHSAEN	ITGFYTKYGD	GADLAPIFGL	NKRQGRQLLAYL		
nade_bs	(197)	GAPERIYLKEP	TADLLDEKPK	QSDTELGISY	DEIDDYLEG	KEVSAKVSE	201	250
nade_sa	(200)	GAPKELYEKT	PADLEDDKP	QLPDEDALG	VITYEADN	YLEGKPVIP		
nade_bs	(247)	ALTEKRYSMTE	HKRQVPASMF	DDWWK-----			251	284
nade_sa	(250)	VLENHYIRNAH	KRELAYTRYT	-WPKSRSHHHHHH				

Figure 10

